

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A composition, comprising:
a catalyst;
a first material resistant to oxidation up to about 3.0 Volts vs. SHE; and
a non-electrolytic material different than the catalyst,
wherein the catalyst is distributed on the first material with a load between about 5 percent and about 95 percent, ~~a total amount of non-electrolytic material contained in the composition is less than about 30 percent of the composition by weight, the composition comprises between about 75-95 weight percent catalyst and less than about 30 percent of non-electrolytic material by weight, and the composition composes a fuel cell electrode that is substantially free of carbon fibers~~ anode.
2. (Original) The composition of claim 1, wherein the catalyst is capable of catalyzing oxidation of a fuel cell gas.
3. (Original) The composition of claim 2, wherein the fuel cell gas comprises hydrogen.
4. (Original) The composition of claim 1, wherein the catalyst is capable of undergoing reversible oxide formation.

5. (Original) The composition of claim 1, wherein the catalyst is selected from a group consisting of platinum, ruthenium, iridium, rhodium, palladium, molybdenum and alloys thereof.

6. (Original) The composition of claim 1, wherein the composition comprises between about 5 percent to about 40 percent of the catalyst.

7. (Cancelled)

8. (Original) The composition of claim 1, wherein the non-electrolytic material comprises a fluorine-containing resin.

9. (Original) The composition of claim 1, wherein the non-electrolytic material comprises a copolymer of tetrafluoroethylene and hexafluoropropylene.

10. (Original) The composition of claim 1, wherein the non- electrolytic material comprises polytetrafluoroethylene.

11-13. (Cancelled)

14. (Previously Presented) The composition of claim 1, wherein the first material comprises an oxide.

15. (Previously Presented) The composition of claim 1, wherein the first material is selected from a group consisting of tungsten oxide, zirconium oxide, niobium oxide, and tantalum oxide.

16. (Currently Amended) A composition, comprising:

a catalyst; and

a first material resistant to oxidation up to about 3.0 Volts vs. SHE,

wherein the catalyst is distributed on the first material with a load of between about 0.025 mg/cm² to 1.0 mg/cm², the composition comprises between about 75-95 weight percent catalyst and less than about 30 percent of non-electrolytic material by weight, and the composition composes a fuel cell ~~electrode that is substantially free of carbon fibers~~ anode.

17. (Cancelled)

18. (Original) The composition of claim 16, wherein the catalyst is distributed on the first material with a load between about 5 percent and about 95 percent.

19. (Original) The composition of claim 16, wherein the first material comprises an oxide.

20. (Original) The composition of claim 16, wherein the first material is selected from a group consisting of tungsten oxide, zirconium oxide, niobium oxide, and tantalum oxide.

21. (Currently Amended) A composition, comprising:
a catalyst capable of catalyzing oxidation of a fuel cell gas;
a first material resistant to oxidation up to about 3.0 Volts vs. SHE; and
a binder comprising a fluorine-containing non- electrolytic material, the binder containing the first material and the catalyst,
wherein the catalyst is distributed on the first material, ~~a total amount of fluorine-containing non-electrolytic material contained in the composition is less than about 30 percent of the composition by weight~~, the composition comprises between about 75-95 weight percent catalyst and less than about 30 percent of non-electrolytic material by weight, and the composition composes a fuel cell ~~electrode that is substantially free of carbon fibers~~ anode.

22. (Original) The composition of claim 21, wherein the catalyst comprises platinum.
23. (Original) The composition of claim 21, wherein the first material comprises an oxide.
24. (Original) The composition of claim 21, wherein the non- electrolytic material comprises polytetrafluoroethylene.